

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (currently amended) An image-processing apparatus comprising:

image-processing means for processing an externally input image signal, thereby to generate image data to be supplied to a display apparatus; and

image output means for ~~outputting~~ deriving from said generated image data a packet to a printing apparatus, said packet complying with a predetermined digital serial bus system and containing the image data generated by the image-processing means,

~~wherein the image output means outputs the packet, after~~ capture command means for inserting[[,]] into the packet[[,]] a capture command which includes a set of parameters that define a still-picture derived from said generated image data, designating transmission of still-picture data generated from the image data, and said parameters describing[[,]] in the capture command[[,]] image-type data representing a format of the still-picture data, said still-picture data defining said still-picture; and

means for transmitting said packet to a printing apparatus to print the still-picture defined by said parameters.

2. (original) The image-processing apparatus comprising according to claim 1, wherein the image output means outputs the packet to the printing apparatus, after inserting luminance data and color-difference data into the packet.

3. (original) The image-processing apparatus comprising according to claim 1, wherein the packet complying with the predetermined digital serial bus system is one complying with IEEE (The Institute of Electrical and Electronics Engineers) 1394 standards.
4. (original) The image-processing apparatus comprising according to claim 3, wherein the packet is one that achieves asynchronous communication in which commands are transmitted by using FCP (Function Control Protocol).
5. (currently amended) An image-processing method comprising the steps of:
processing an externally input image signal, thereby to generate image data to be supplied to a display apparatus;
inserting the generated image data ~~generated,~~ into a packet that complies with a predetermined digital serial bus system;
inserting, into the packet, a capture command which includes a set of parameters that define a still-picture derived from said generated image data, designating transmission of still-picture data generated from the image data, and said parameters describing, in the capture command, image-type data representing a format of the still-picture data, said still-picture data defining said still-picture; and
outputting the packet to a printing apparatus to print the still-picture defined by said parameters.

6. (original) The image-processing method according to claim 5, wherein image data composed of luminance data and color-difference data are inserted into the packet before the packet is output to the printing apparatus.

7. (original) The image-processing method according to claim 5, wherein the packet complying with the predetermined digital serial bus system is one complying with IEEE (The Institute of Electrical and Electronics Engineers) 1394 standards.

8. (original) The image-processing method according to claim 7, wherein the packet is one that achieves asynchronous communication in which commands are transmitted by using FCP (Function Control Protocol).

9. (currently amended) A printing apparatus comprising:

image input means for receiving image data of a prescribed format, which is contained in a packet complying with a predetermined digital serial bus system;

image-converting means for converting the format of the image data input to the image input means to a format for printing; and

printing means for printing still-picture image data based on the image data of the format converted by the image-converting means,

wherein the packet contains a capture command designating transmission of the still-picture data[[,]] and describing image-type data representing the format of the still-picture data is described in the capture command, said capture command includes a set of parameters that define a still-picture derived from said generated image data, and

wherein the image-converting means converts the format in accordance with the image-type data described in the capture command.

10. (original) The printing apparatus according to claim 9, wherein the image input means inputs image data composed of luminance data and color-difference data, and the image-converting means converts the image data composed of luminance data and color-difference data, to image data of the format for printing.

11. (original) The printing apparatus according to claim 9, wherein the packet complying with the predetermined digital serial bus system is one complying with IEEE (The Institute of Electrical and Electronics Engineers) 1394 standards.

12. (original) The printing apparatus according to claim 11, wherein the packet is one that achieves asynchronous communication in which commands are transmitted by using FCP (Function Control Protocol).

13. (currently amended) A printing method comprising the steps of:

receiving a packet complying with a predetermined digital serial bus system and containing image data and a capture command designating transmission of still-picture data based on the image data;

converting the format of the image data received, to a format for printing, in accordance with image-type data described in the capture command and representing the format of the still-picture data received; and

printing still-picture image data based on the image data of the format converted;
wherein said capture command includes a set of parameters that define a still-picture
derived from said generated image data.

14. (original) The printing method according to claim 13, wherein image data composed of luminance data and color-difference data is received and converted to image data of the format for printing.

15. (original) The printing method according to claim 13, wherein the packet complying with the predetermined digital serial bus system is one complying with IEEE (The Institute of Electrical and Electronics Engineers) 1394 standards.

16. (original) The printing method according to claim 15, wherein the packet is one that achieves asynchronous communication in which commands are transmitted by using FCP (Function Control Protocol).

17. (currently amended) An image-printing system comprising:
an image-processing apparatus comprising image-processing means for processing an externally input image signal, thereby to generate image data to be supplied to a display apparatus, and
image output means for ~~outputting~~ deriving from said generated image data a packet to an
~~printing apparatus~~, said packet complying with a predetermined digital serial bus system and containing the image data generated by the image-processing means,

~~wherein the image output means outputs the packet, after~~ capture command means for inserting[[,]] into the packet[[,]]a capture command which includes a set of parameters that define a still-picture derived from said generated image data, ~~designating transmission of still-picture data generated from the image data, and~~ said parameters describing[[,]] in the capture command, image-type data representing a format of the still-picture data, said still-picture data defining said still-picture; and

means for transmitting said packet to a printing apparatus to print the still-picture defined by said parameters; and

a printing apparatus comprising

image input means for receiving image data of a prescribed format, which is contained in a packet complying with a predetermined digital serial bus system,

image-converting means for converting the format of the image data input to the image input means to a format for printing, and

printing means for printing still-picture image data based on the image data of the format converted by the image-converting means,

wherein the image-converting means converts the format in accordance with the image-type data described in the capture command.

18. (original) The image-printing system according to claim 17,

wherein the image output means of the image-processing apparatus outputs the packet to the printing apparatus, after inserting luminance data and color-difference data into the packet, the image input means of the printing apparatus inputs image data composed of luminance data and color-difference data, and

wherein the image-converting means of the printing apparatus converts the image data composed of luminance data and color-difference data, to image data of the format for printing.

19. (original) The image-printing system according to claim 17, wherein the packet complying with the predetermined digital serial bus system is one complying with IEEE (The Institute of Electrical and Electronics Engineers) 1394 standards.

20. (original) The image-printing system according to claim 19, wherein the packet is one that achieves asynchronous communication in which commands are transmitted by using FCP (Function Control Protocol).

21. (currently amended) An image-printing method comprising the steps of:
processing an externally input image signal, thereby to generate image data to be supplied to a display apparatus;

inserting the generated image data ~~generated~~, into a packet that complies with a predetermined digital serial bus system;

inserting, into the packet, a capture command which includes a set of parameters that define a still-picture derived from said generated image data, ~~designating transmission of still-picture data generated from the image data, and said parameters describing, in the capture command,~~ image-type data representing a format of the still-picture data, said still-picture data defining said still-picture;

transmitting the packet;

receiving the packet complying with the predetermined digital serial bus system and containing the image data and the capture command;

converting the format of the image data received, to a format for printing, in accordance with image-type data described in the capture command and representing the format of the still-picture data received; and

printing still-picture image data based on the image data of the format converted.

22. (original) The image-printing method according to claim 21, wherein image data composed of luminance data and color-difference data is inserted into the packet and the packet is then output,

image data composed of luminance data and color-difference data is received, and image data composed of luminance data and color-difference data is converted to a format for printing.

23. (original) The image-printing method according to claim 21, wherein the packet complying with the predetermined digital serial bus system is one complying with IEEE (The Institute of Electrical and Electronics Engineers) 1394 standards.

24. (original) The image-printing method according to claim 21, wherein the packet is one that achieves asynchronous communication in which commands are transmitted by using FCP (Function Control Protocol).

25. (currently amended) A storage medium storing an image-processing program that describes the steps of:

processing an externally input image signal, thereby to generate image data to be supplied to a display apparatus;

inserting the generated image data ~~generated~~, into a packet that complies with a predetermined digital serial bus system;

inserting, into the packet, a capture command which includes a set of parameters that define a still-picture derived from said generated image data, ~~designating transmission of still-picture data generated from the image data, and said parameters~~ describing[[,]] in the capture command, image-type data representing a format of the still-picture data, said still-picture data defining said still-picture; and

outputting the packet to a printing apparatus.

26. (currently amended) A storage medium storing an image-processing program that describes the steps of:

receiving a packet complying with a predetermined digital serial bus system and containing image data and a capture command;

converting the format of the image data received, to a format for printing, in accordance with image-type data described in the capture command and representing the format of still-picture data received; and

printing still-picture image data based on the image data of the format converted;

wherein said capture command includes a set of parameters that define a still-picture derived from said generated image data.